

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80527-2400



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Osamu S. Nakagawa

Confirmation No.: 3635

Serial No.: 09/891,324

Examiner: Schillinger, Laura M.

Filed: June 27, 2001

Group Art Unit: 2813

Title: PROCESS FOR HIGH-DIELECTRIC CONSTANT METAL-INSULATOR
METAL CAPACITOR IN VLSI MULTI-LEVEL METALIZATION SYSTEMS

MAIL STOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

AMENDMENT UNDER 37 C.F.R. § 1.116

Sir:

In response to the Official Action dated March 27, 2003, kindly amend the application
identified above in the following manner:

IN THE SPECIFICATION:

*Please amend the specification by replacing the paragraph beginning on page 8, line
21 and ending on page 9, line two, with the following paragraph:*

Returning to Fig. 2, in step 235, a second layer of metal 350 is deposited on top of the
patterned interlevel dielectric layer 335 (see Fig. 3E) to form the signal via 355 and the
electrode vias 340-344, and an upper electrode 360 of a high-k constant MIM capacitor 370.
The second layer of metal is finished by a second CMP process to complete the vias 338-344
and upper electrode 360, in step 240.

11 (11E)
7A
J
6/6/03
Entered
7/29/03
Mullish

RECEIVED
MAY 30 2003
TECHNOLOGY CENTER 2800

6/13/03
ENTER
DO

A1